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REVISION			
REV	DESCRIPTION	DATE	APPROVED
C	PRODUCTION	07/08/01	PS
D	REDRAWN & ADD OUTPUT CHOKE INSTRUCTION	09/18/02	PM
E	ADD INSTRUCTION 2.2.	11/25/02	PM

1. NOTES:
DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.

2. INSTRUCTION:

2.1.OUTPUT CHOKE INSTRUCTION:

2.1.1. COVER OUTPUT CHOKE WINDING WITH 1 LAYER OF 1 mil POLYESTER TAPE.

2.1.2. SECURE CHOKE TO MOUNTING BASE BY 'RTV' OR EQUIVALENT.

2.2. ALL ELECTROLYTIC CAPACITORS SHOULD HAVE MIN. AMBIENT TEMPERATURE SPECIFIED AS -40°C OR LOWER.

3. ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:	85 VAC -132 VAC / 170 VAC - 264 VAC; SWITCH SELECTABLE
INPUT CURRENT:	< 3.2 A RMS AT 90 VAC INPUT; 1.6 A RMS AT 170VAC INPUT
INPUT FREQUENCY:	47 HZ - 63 HZ
OUTPUT VOLTAGE / CURRENT:	+ 24 VDC @ 0 - 6.5 A
OUTPUT CURRENT :	NO LOAD TO FULL LOAD, NO MINIMUM LOAD REQUIRED
OUTPUT POWER (RATED):	150 WATTS MAX
OUTPUT RIPPLE (PEAK TO PEAK):	≤ LESSOR OF 1% OR 100 mV
ADJUSTABILITY:	+10, -5% MAIN OUTPUT
OUTPUT INDICATOR:	GREEN LEAD, OUTPUT PRESENT
OUTPUT REGULATION (LINE/LOAD):	± 5 % FOR MAIN OUTPUT
TURN ON/ TURN OFF OVERSHOOT:	4% MAX 500uS MAX RECOVERY TIME FOR 25% STEP LOAD
TURN-ON DELAY:	1 SEC MAX
HOLD-UP TIME:	20 mSEC MIN AT NOMINAL INPUT 115 VAC AND FULL LOAD
INRUSH CURRENT:	35 A MAX AT COLD START FOR N.A. (50A FOR EURO)
EFFICIENCY:	80 % TYPICAL
SWITCHING FREQUENCY:	100 KHZ TYPICAL
OVER-VOLTAGE PROTECTION:	VOLTAGE LIMITED LESS 130% OF NOMINAL VOLTAGE
OVER-CURRENT / SHORT CIRCUIT:	HICCUP WITH AUTO RECOVERY TO 1.1 - 1.3 Io
OTHER PROTECTION:	INPUT FUSING
SAFETY APPROVALS :	UL 60950 / 1950, CUL TO 22.2 # 234, 950, TUV TO EN 60950, CE CLASS I
DIELECTRIC WITHSTAND VOLTAGE:	3000VAC PRIMARY-SECONDARY;1500 VAC PRIMARY- GROUND
LEAKAGE CURRENT:	≤ 3.5 mA
LINE SURGE:	EN 61000-4-5 LEVEL 4
EMI:	COMPLIES WITH EN55022, 1 CLASS B AND FCC PART 15 CLASS B WHEN TESTED WITH A RESISTIVE LOAD, BOTH CONDUCTED AND RADIATED
CE MARK :	TESTED TO COMPLY WITH EN61000-3-2, EN61000-3-3 AND EN50082-1 INCLUDING EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11 LEVEL 4, UNIT IS ELIGIBLE FOR CE MARK.
MTBF:	GREATER THAN 50,000 HOURS AT 25°C AMBIENT TEMPERATURE
OPERATING TEMPERATURE:	-40°C TO 45° C, DERATE LINEARLY TO 60% OUTPUT POWER AT 60°C
STORAGE TEMPERATURE:	-40°C TO 80° C
HUMIDITY:	0% TO 90% RELATIVE HUMIDITY
WEIGHT:	0.8 kg REF.

DASH NO.	PART NO	REV.	DESCRIPTION	NOTES
TABULATION BLOCK				

REVISION	E	D	D				TOLERANCES: DECIMALS .xx +/- 0.1 .xxx +/- .005 ANGULAR +/- 1°	GlobTek, Inc. www.globtek.com	186 Veterans Dr. Northvale, NJ 07647 Tel. 201-784-1000 Fax 201.784.0111	
SHEET	1	2	3				MILLIMETERS .xx +/- 0.3 .xxx +/- .013 ANGULAR +/- 1°	DWG TITLE: 150W SWITCHING POWER SUPPLY, SINGLE OUTPUT: 24V/ 6.5A; ENCLOSED, INPUT VOLTAGE SELECTABLE		
INIT.BY: SO		DATE: 09/18/02								
DRAWN: NF		DATE: 09/18/02	FSCN No.: G, Y		SIZE A		MODEL NO: N/A			REV. E
APRVD : PM		DATE: 09/18/02	SCALE: NONE				PART NO: RT-3S150-24			SHEET 1 OF 3

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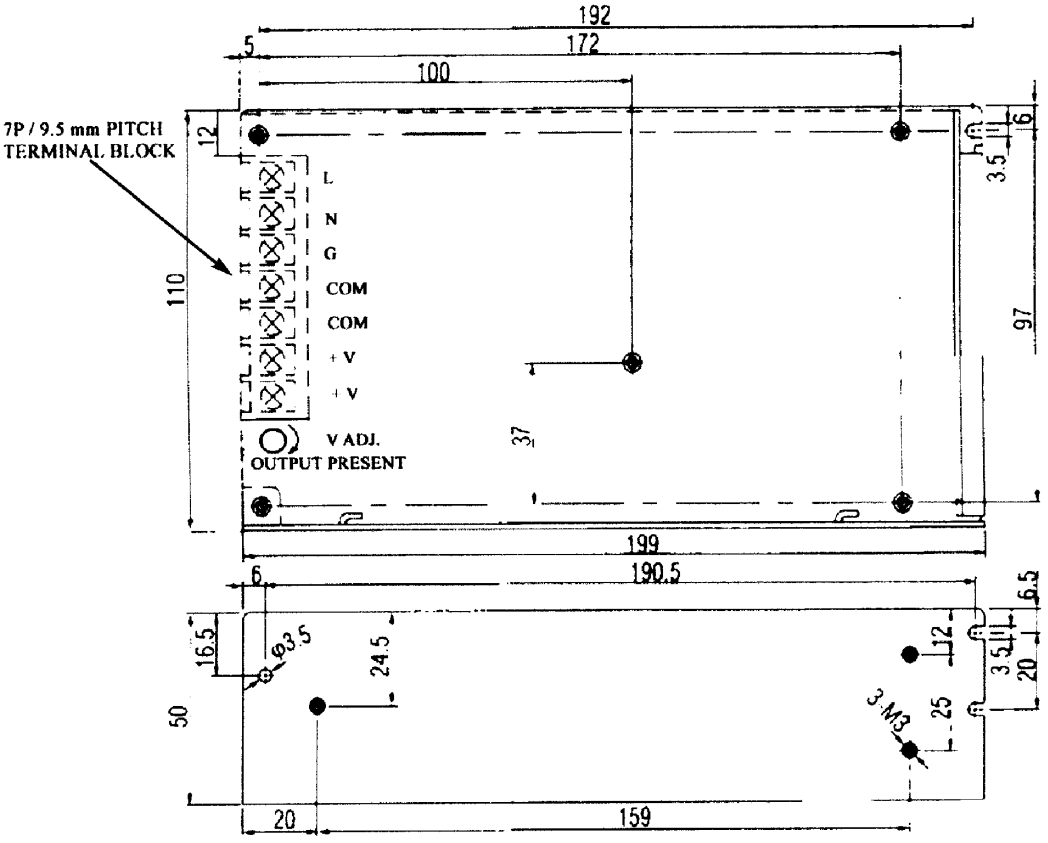
4. MECHANICAL: MM

4.1. CONFIGURATION: ENCLOSED SWITCHING POWER SUPPLY, AL. ALLOY 3003 OR EQUIVALENT, GOLD IRRIDITE, CHEM. TREATEDFINISH„ CHASSIS: "U' CHANNEL, WITH (8) MOUNTING METRIC INSERT M3, AS SHOWN BELOW: (5) BOTTOM; (3) RIGHT SIDE. COVER: "L" SHAPE WITH HOLES SCREENED PATTERN FOR NATURAL CONVECTION COOLING THERMAL TRANSFER.



4.2. INPUT / OUTPUT CONNECTOR: STRAIGHT MOUNT BARRIER STRIP, 7 POSITIONS, 9.5 MM PITCH FOR LUG / TERMINALS INPUT/OUTPUT HARNESS CONNECTIONS

4.3. WIRING DIAGRAM:

TERMINALS	FUNCTION
1,2	AC INPUT
3	GROUND
4,5	COM
6,7	+V OUTPUT

GlobTek, Inc.
www.globtek.com
186 Veterans Dr. Northvale, NJ 07647
Tel. 201-784-1000 Fax 201.784.0111

DWG TITLE: 150W SWITCHING POWER SUPPLY, SINGLE OUTPUT: 24V/ 6.5A; ENCLOSED, INPUT VOLTAGE SELECTABLE

MODEL NO: N/A — REV. D

PART NO: RT-3S150-24

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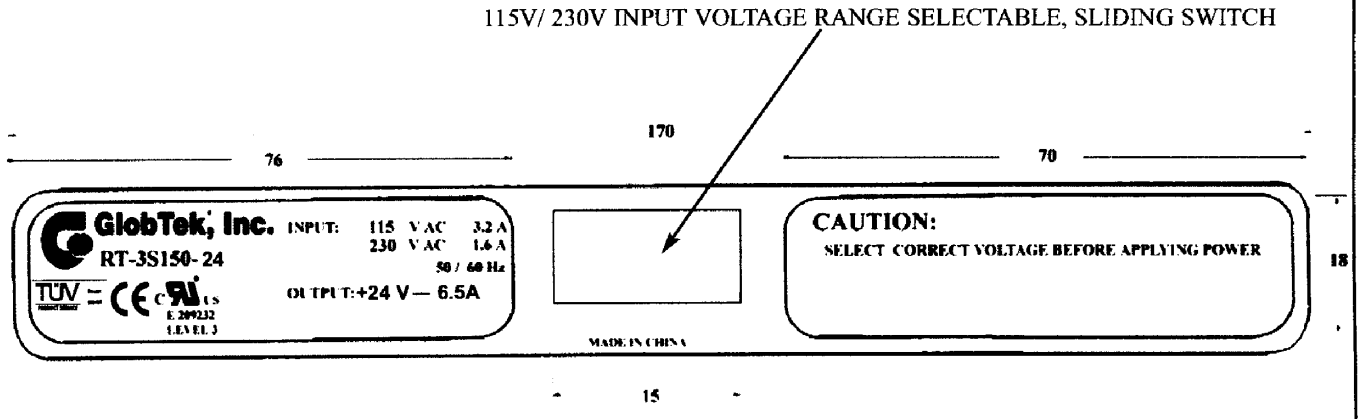
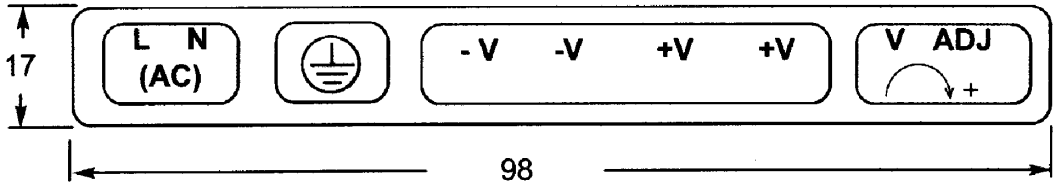
5.LABEL:

MATERIAL: .007 (0.18) THICK FLAT THERMAL TRANSFER, IMPRINTABLE, WHITE OR GRAY POLYESTER SHEET WITH BLACK NOMENCLATURE.
MANUFACTURER: STEVEN LABEL, MATERIAL I.D. NO.3302-33, UL FILE NO. MH12821(N), UL MATERIAL DESIGNATION FILE NO. GHW332RL. OPTIONAL LABEL MATERIAL CAN BE SUBSTITUTED PROVIDING MATERIAL IS UL LISTED AND COMPLIES WITH APPLICABLE SAFETY REQUIREMENTS.

5.1. FIRST LABEL: INSTALLED SIDE OF UNIT W/O MTG. INSERTS.

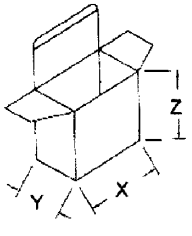


5.2. SECOND LABEL: INSTALLED ON COVER FACING TERMINAL BLOCK



6. INDIVIDUAL PACKING BOX:

MATERIAL: CORRUGATED FIBERBOARD, F-FLUTE 0.8 (2.0) THICK, DOUBLE WALL CONSTRUCTION.
EXTERNAL FINISH: WHITE, COATED WITH GLOSS FINISH (AQUEOUS OR VARNISH) STYLE: TUCK SIDES WITH LOCKING TABS ON BOTH SIDES OF BOX. NO PRINTING ON THE OUTSIDE OF BOX.



X = 164 mm
Y = 42 mm
Z = 101 mm

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MODEL NO: N/A	REV. D
PART NO: RT-3S150-24	SHEET 3 OF 3